

Date: Wed, 2 Mar 94 19:39:11 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #227  
To: Info-Hams

Info-Hams Digest                      Wed, 2 Mar 94                      Volume 94 : Issue 227

Today's Topics:

5 by 5...  
A transmission line loss question  
BY hams imprisoned by PRC  
Copying High-Speed CW: Print or Script?  
CQ - magazine.  
Hamblaster Update  
IMPORTANT - June VHF QSO Party  
JARGON  
Jerk on 20 mtrs  
NACEC - DISASTER VOLUNTEER Info.  
Radio 20m Travel Radio  
Suggestions for HF mobile?  
Super Morse 4.10 is out!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 1 Mar 1994 21:48:54 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
debmoore@network.ucsd.edu  
Subject: 5 by 5...  
To: info-hams@ucsd.edu

Jeffrey D. Angus (jangus@skyld.grendel.com) wrote:

: In article <gregg.68.000DC24B@plains.nodak.edu> gregg@plains.nodak.edu writes:

: > Where did the phrase, "I read you five by five." come from and what does  
: > it mean. I know it means good copy, but what specifically does it mean?  
: > Does it come from the early days of radar, of ham radio, of military  
: > aviation or what?

: It comes from the RST signal reporting system. (I'll let others flame  
: each other as to its origins.) The scales being R for readability  
: S for signal strength and T for tone. (We're speaking morse wireless  
: here.) R is from 1 (not readable) to 5 (perfectly readable). S is  
: from 1 (I can't hear it) to 9 (It's really loud) and T for tone  
: with 1 (rough AC buzz) to 9 (pure note).

: Of course, with the advent of phone (am and ssb) operation they dropped  
: the tone report. And as most DXers will tell you, "You're 59 LA" doesn't  
: have any bearing on received signal, but instead means, "I want a QSL  
: card."

As a radio operator in the USMC in the early sixties, we used a scale of  
1 - 5 for Signal Strength, hence 5x5. The military 2 1/2 ton truck was  
known as a 6x6, so the "saltier" operators would say "I hear you like  
a truck".

73's\_\_\_Bob

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=====
Bob Shilling                      Berkeley, CA                      debmoore@netcom.com
KK6QQ                             rcshilling@lbl.gov
DoD# 1195
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Date: Tue, 1 Mar 1994 17:52:23 GMT  
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!hpcss01!  
markb@network.ucsd.edu  
Subject: A transmission line loss question  
To: info-hams@ucsd.edu

Cut the cable to the shortest length. That will reduce the loss the most.  
There is no reason to have the transmission line any particular length.  
This is an old wives tale.  
Read the ARRL book Refelections if you are curious, or learn how  
to use a SMITH chart.

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Date: Wed, 2 Mar 1994 03:01:54 GMT

From: ihnp4.ucsd.edu!sdd.hp.com!portal!becker@network.ucsd.edu  
Subject: BY hams imprisoned by PRC  
To: info-hams@ucsd.edu

I found this on the DX reflector, and post it here.

>

> MORE ON THE VOA STORY ABOUT "BY" OPS. Fred, K3ZO, who has just recently  
> returned from Thailand where he operated as HS0ZAR, had doubts about the  
> Voice of America (VOA) report that all BY hams have been rounded up and  
> sent to labor camps. Fred stated he heard and worked plenty of BAs, BYs  
> and BZs while in Thailand, so he decided to investigate the Voice of  
> America broadcast and found the following information:

>

> Here is the exact VOA text, which was based on a news item that was on  
> the REUTERS news wire on February 16th: "Police in China have cracked  
> down on the country's largest group of amateur radio operators, and  
> have sent three of the group's leaders to labor camps.

>

> The "Official China Business Times Today" (Wed. Feb. 16th) Identified  
> the group as "Radio-Air-Salon", based in Henan Province (BY6). It said  
> police have caught 61 members of the group -- which had effectively  
> taken over some 27 radio channels.

>

> The report said Radio-Air-Salon members often interrupted regular  
> broadcasts with their own conversations and illegally listened in on  
> restricted frequencies. It said the use of technical equipment to  
> create chaos in the airwaves is a new type of illegal activity.....

>

> Fred comments he has tried to work as many different Chinese stations  
> as possible while he was in Thailand, but he never heard BY6. The ARRL  
> reports that their information shows only one licensed amateur radio  
> station in PRC, club station BY6SRA, licensed to the Shanxi Branch of  
> the China Radio Sports Association (CRSA). CRSA is the IARU member  
> society for China. Fred points out that the VOA broadcast only mentions  
> that three members of one club were sent to "re-education camps", this  
> is a far cry from "ALL BY's". This is a prime example of how RUMORS can  
> spread like wildfires and blow things out of proportion Also, the press  
> has often referred to all manners of radio hobbyists as "AMATEUR RADIO  
> OPERATORS." The group of hobbyists mentioned in the broadcast may be  
> engaging in SWL and CB type activities rather than actual amateur  
> operations. Fred states such activities are widespread in Asia and has  
> experienced pirate "CB" operations on the 40 meter band while operating  
> from HS-land. So in summary, amateur radio is alive and well in PRC.  
> Reports of activity this week by BY1QH on both 40 and 80 meters is  
> proof. Also, Martti, OH2BH, was in Beijing recently and visited the  
> operators and station of BY1PK. Martti stated things were just fine  
> and no one is rounded up in the labor camps. As matter of fact, foreign  
> operators may be licensed in PRC soon. (TNX to K3ZO, N8II and OH2BH)

> -----  
> Tedd Mirgliotta KB8NW  
> InterNet: kb8nw@barf80.nshore.org  
> Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208  
> "Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud  
>

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Date: Tue, 1 Mar 1994 18:01:43 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!  
news.cac.psu.edu!news.pop.psu.edu!ra!usenet@network.ucsd.edu  
Subject: Copying High-Speed CW: Print or Script?  
To: info-hams@ucsd.edu

In article <CLwrFv.M1o@odin.corp.sgi.com> adams@chuck.dallas.sgi.com  
(Charles Adams) writes:

>  
> 1. Many complain about their penmanship. Looks like to me you can kill  
> two birds with one stone. Get a book on penmanship (they still  
> write those don't they?). Find the best style to copy and work on  
> penmanship at the same time.  
>  
> 2. Start with cursive, don't DON'T print.  
>  
> 3. Practice not dotting i's and j's and don't cross the t's.  
> This will come in handy later at higher speeds.  
>  
> [the rest deleted]

Good advice. I started to use cursive at about 10 wpm because I knew  
that as I approached higher speeds, printing would become a 'bottleneck.'

I have very neat penmanship (I spent a few years in Catholic school),  
but it really goes to hell at my current limit of 20 wpm+. This kind of  
bothers me, as I have always taken pride in my penmanship.

But here's a curious thing... now *\*cursive\** is becoming a bottleneck,  
and the main reason is the lower case letter 'm.' I can't write it fast  
enough. (Three humps in a row!) I can follow along at 20 wpm fairly  
well, but when I hit the letter 'm,' I often stumble and miss the rest of  
the word. What to do? Suggestions.

And another question about Morse code... Has anyone taken any of the  
Morse code tests for a FCC radiotelegraph license? If so, what method of  
copying do the examiners allow? Is it strictly by hand (pencil and  
paper), or can you use a keyboard? For the second class license you must  
be able to copy plain English at 25 wpm, which is kind of fast for pencil

and paper. (Well, too fast for me at least.)

-Dave

--

David Drumheller, KA3QBQ                      phone: (202) 767-3524  
Acoustics Division, Code 7140              fax: (202) 404-7732  
Naval Research Laboratory  
Washington, DC 20375-5350    e-mail: drumhell@claudette.nrl.navy.mil

-----  
Date: Tue, 01 Mar 1994 23:07:54 EST  
From: murky.apple.com!mumbo.apple.com!Joe\_Behar%magic-  
bbs.corp.apple.com@decwrl.dec.com  
Subject: CQ - magazine.  
To: info-hams@ucsd.edu

The address is  
CQ Communications, Inc.  
76 North Broadway  
Hicksville, NY 11801-2953 USA

Joe

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Date: Tue, 1 Mar 1994 14:38:29 GMT  
From: amiserv!vpnet!tellab5!jwa@uunet.uu.net  
Subject: Hamblaster Update  
To: info-hams@ucsd.edu

2-15-94

I hope that this will clear up a few questions about  
the Hamblaster.

Disclaimer

This IS NOT an ad. The Hamblaster is not a product  
that's being sold to amateurs or any other group.  
It's a 3 year effort by myself and Will Torgrim N9PEA.  
We have been doing this as a hobby, hopefully, to  
improve Amateur radio.

Finely, the development cost thousands of dollars  
and we haven't earned a single penny for our efforts.

We have considered the possibility of making the PC boards

available and a "hard to get parts kit" but there is a support issue that needs to be resolved.

The Hamblaster is not a software package. It requires a special sound card that uses a Texas Instruments TMS320C25 DSP to run filters or audio demodulators. It can interface to a TNC via a TTL digital port and replace the TNC's poor filtering.

It's not compatible with other sound cards but it can co-exist with them. I use my Soundblaster Pro and Hamblaster together. I can, for example, run a filter on the the Hamblaster, connect it's output the Soundblaster and record a CW signal using the SB software under the Windows environment.

#### New Developements

##### 1) Adaptive (LMS) filter

We now have an operational adaptive filter. It converges on and filters out continuous tones. Last night I was copying SB on 40 meters and I transmitted an interfering signal using a Kenwood TS440 and a dummy load. The heterodyne was so strong that it was almost impossible to copy the QS0. I connected the receiver's headphone output to the Hamblaster and loaded the LMS filter. I then turned off the computer.

The heterodyne was completely removed ad I was able copy voice clearly with no interference. The was some background but it wasn't objectionable.

There will be some controls added to the LMS filter that will allow you to adjust the delay, filter taps and noise floor. I'll keep you posted!

---

Jack Albert WA9FVP	Fellow Radio Hacker
Tele (708) 378-6201	
Tellabs Operations, Inc.	FAX (708) 378-6721
1000 Remington Blvd.	jwa@tellabs.com
Bolingbrook, IL 60440	

-----  
Date: 2 Mar 94 15:26:30 GMT  
From: news-mail-gateway@ucsd.edu

Subject: IMPORTANT - June VHF QSO Party  
To: info-hams@ucsd.edu

WARNING: The date for the annual ARRL June VHF QSO party is changed for 1994!

Yes, that is correct. For what seems like forever, the ARRL June VHF QSO Party has been on the second weekend of June each year. This year, the ARRL has scheduled it for the \*first\* weekend in June. Yes, the ARRL moved the single largest annual VHF/UHF operating event in the world from its traditional date. Had you already planned for the second weekend? Am I the first one to bring this date change to your attention? Are you saying "Oh no!" as you realize that you'd blocked out the second weekend of June as usual, and cannot or might not be able to rearrange things for the first weekend of June this year? What happened? What can you do?

First, here is what happened. The ARRL scheduled their National Convention in Arlington, Texas, for the VHF contest's traditional second weekend in June. It took me a while to discover when the ARRL did this: it was the January 1992 annual meeting of the Board of Directors, reported in March 1992 QST. (My eyes are still recovering from poring over the tiny type used for printing ARRL meeting minutes.) I never saw a mention of the date change anywhere else in QST until I decided to look through the 1994 ARRL calendar from January 1994 QST.

What can you do about it? I wrote to Dave Sumner K1ZZ, Executive Vice President of the ARRL. I told him just what the date change means to the club I'm in, the Wellesley (Mass.) Amateur Radio Society. We've already lost three key members of our team, including the organizer of the event (me), due to schedule conflicts with the first weekend in June. All three had set aside the second weekend in June as usual. A date one just one week earlier makes for a very real risk of snow on New England mountaintops, which might put us at risk for getting access to the privately-owned mountaintop in FN33 that we've used for years. I don't think the Wellesley club is alone in being seriously affected by this date change, and I told Mr. Sumner this. I explained my astonishment that the ARRL would allow the June VHF QSO Party, a very significant operating event, to be moved from its traditional date. I shared my puzzlement at why the ARRL would move the biggest VHF contest in a time they are actively encouraging more and more VHF/UHF activity. I wondered aloud if the ARRL would ever have moved Field Day! Finally, I asked Mr. Sumner to MOVE THE 1994 CONTEST BACK TO THE SECOND WEEKEND IN JUNE!

If you have problems with the date change for the June VHF QSO Party, if you think that the dates of major ham radio events shouldn't be tampered with, or if you just plain don't like this, then now is the time to take action. Fire up your computer, your pen and paper, or your typewriter, and write a short note on the back of your QSL card or a long letter explaining what you think and ask for the 1994 date to be put back to the second weekend in June. Mail it to Dave Sumner at ARRL at 225 Main Street, Newington, CT 06111-1494, or fax

it to ARRL at 203 665-7531. Send a copy of your note to your division director and your section manager and ask for their support. We CAN make a difference! The ARRL Board of Directors has the power to undo what they've done. We have to show them that it's important to do just that!

73,

Scott W01G

=====

Scott Sminkey email: sasminkey@eng.xyplex.com  
Software Sustaining Engineering voice: 508 952-4792  
Xyplex, Inc. fax: 508 952-4887  
295 Foster St. (Opinions, comments, etc. are mine,  
Littleton, MA 01460 not Xyplex's...)

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Date: Tue, 01 Mar 1994 14:56:34 -0500  
From: ihnp4.ucsd.edu!agate!dog.ee.lbl.gov!hellgate.utah.edu!cc.usu.edu!  
sy\_j.pgh.wec.com!user@network.ucsd.edu  
Subject: JARGON  
To: info-hams@ucsd.edu

In article <199402282109.NAA17392@ucsd.edu>,  
William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM wrote:

> >use...it's XYL and it stands for ex young lady....(which I take great  
> >offense to as a derogatory remark (I am not an "XYL" because I am only 22  
> >years old! :-)) The term is used to refer to one's wife...(because most  
>

is there a list of jargon and their meanings used by hams on 2m/440,  
terms like

destinated  
very good  
fine business

73s

Jerry N3RKD

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Date: 1 Mar 1994 17:07:58 GMT  
From: swrinde!gatech!europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!  
yeshua.marcam.com!charnel!olivea!korie1!lll-winken.llnl.gov!fastrac.llnl.gov!osi-  
east2.es.net!cronkite.@@ihnp4.ucsd.edu  
Subject: Jerk on 20 mtrs



To: info-hams@ucsd.edu

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Greg Chartrand

    \_/\_/\_/    \_/\_/\_/    \_/\_/\_/    \_/\_/\_/  
    \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_/\_/\_/  
    \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_/\_/\_/  
    \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_/\_/\_/

-----  
Date: 1 Mar 94 07:26:19

From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!ncar!csn!news.usafa.af.mil!usafa2!  
jcmiller@network.ucsd.edu

Subject: NACEC - DISASTER VOLUNTEER Info.

To: info-hams@ucsd.edu

In article <1994Feb28.120042.22852@walter.cray.com> rps@cray.com (Russell P. Starksen) writes:

===== cut here =====

INTERNET.TST

FEBRUARY 14, 1994

ATTN: DISASTER VOLUNTEERS & MILITARY FAMILIES!!!

Our group is looking for volunteers to help expand our project nationwide! I have heard many things about Internet and have posted this message to see if there is anyone on the system that wants to help.. Please take a few minutes and read this bulletin. If you would like more information or wish to help, get in touch with me. I hope you find these 3 pages of information of interest.

Mr. Edward E. Addy  
President, NACEC

W H A T    I S    N A C E C ?

NACEC is an acronym for "The North American Center for Emergency Communications". NACEC is not a radio club. It is a hybrid non-profit humanitarian organization. It was started under the name "Global Voices Project" on July 9th of 1992 and incorporated in Minnesota on January 8th 1993 for the purpose of improving the efficiency of other non-profit humanitarian organizations during their disaster aid and relief operations, throughout North America. NACEC also provides health and welfare communications assistance between members of the U.S. Armed Forces serving overseas and their families here at home.

The projects name was changed to The North American Center for Emergency Communications, (NACEC) by unanimous vote of The Board of Directors in August of 1993 to more closely reflect the projects mission and purpose.

#### W H Y   W A S   N A C E C   F O R M E D ?

NACEC's mission is to provide communications support to aid disaster victims and Military Families. NACEC was formed for one basic purpose "To reduce deaths and the amount of human suffering, through the development and implementation of an organization which can rapidly provide emergency communications.

(much deleted)

This is very interesting. Sounds like a mirror image of MARS, ARES, RACES, and NTS rolled into one. I wonder what functions those organizations fail to fulfill that this new organization seeks to do.

I also find it curious that Mr. Addy makes no mention of a callsign.

73 from sunny (truly!) Colorado Springs,

Jeff

--

Jeff Miller, NH6ZW/N0, AFA1HE/5 (for now) (ex WD6CQV, AFA8JM, AFA1D0)  
USAFAnet Manager and General Troubleshooter [jcmiller@gems.usafa.af.mil] or  
HQ USAF/DFYC, USAF Academy, CO 80840 [millerjc%dfyc@dfmail.usafa.af.mil]  
55: It's not a good idea, it's just the law. E-mail for NMA info.

-----  
Date: 1 Mar 94 17:59:21 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!psgrain!news.tek.com!gvgpsa.gvg.tek.com!  
gold.gvg.tek.com!gvgadg.gvg.tek.com!groverc@network.ucsd.edu  
Subject: Radio 20m Travel Radio  
To: info-hams@ucsd.edu

I came across the advertisement for the RadioKit 20 meter "Travel Radio" and would like to hear from anyone who had the experience of either building or operating same.

Grover  
WT6P

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Date: 1 Mar 1994 15:11:38 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!news.acns.nwu.edu!  
casbah.acns.nwu.edu!rdewan@network.ucsd.edu  
Subject: Suggestions for HF mobile?  
To: info-hams@ucsd.edu

In article <762473724snz@g8sjp.demon.co.uk>,  
Iain Philipps <ip@g8sjp.demon.co.uk> wrote:

>Folks,

>

>While I have now been fiddling around with radios of one sort or  
>another for over 20 years, I have yet to try working mobile (and  
>this means actually 'on the move') from a car. I have a rig which  
>I can use - and IC 726, and reckon that 100W should be fun.

>

>What I'm looking for are suggestions as to which bands would be  
>more appropriate to maintain reliable communication between my  
>car and a fixed station at between 200 and 1000 miles range during  
>this coming summer (in Europe).

I use a Kenwood TS50 in the car while driving. I highly recommend  
the 30m band. At least here in US, the band is open all day and  
it is easy to strike up a qso without too much trouble. For a while  
I owned a whip with an auto tuner that could tune the whip to  
any segment of 10m-80m bands. I found that I spent most of my time  
on the 30m band. So I sold that antenna setup and decided on tuner-less  
operation.

>I notice that the local store has a nice selection of single-band  
>centre (oops center) loaded whip antennae, and I wouldn't mind  
>buying one or two of those, if appropriate. I'm planning to mount  
>whatever antenna on directly on the (fairly large and elevated)  
>roof of my car.

>

>Ideas?

I do not know of the kind available in UK, but Hustler is a popular  
band in US. Some one had reported results of a field strength study  
of mobile antennas and they found that a brand called 'Texas Bug Catcher'  
by GLA Systems out performed others by quite a margin. I am currently  
using a loaned copy of the bugcatcher by another company. I am quite  
pleased with it.

BTW, the version I have now is a small one and so it only goes down to  
20m. :( Look for me on 20m at about 1430z and 2330Z.

```

Rajiv                               dit 1  dit
aa9ch                               1
r-dewan@nwu.edu ***** =
                * rajiv aa9ch/m * =
                * r-dewan @nwu.edu * 1
                * iambic cmos super2 * 1
                ***** kwd ts50 tx bugcatcher * 1
                * *l
                * *** *H
                * * * * *H
                base* *kenwd850*vert*80mloop* *kent**
                *** ***

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Date: Tue, 1 Mar 1994 18:22:00 GMT  
 From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
 wylz@network.ucsd.edu  
 Subject: Super Morse 4.10 is out!  
 To: info-hams@ucsd.edu

You can grab a copy via anonymous FTP on World:  
 ftp ftp.std.com:/pub/hamradio/pc/theory-and-morse

Scott

--

```

=====
| Scott Ehrlich      Internet: wylz@neu.edu      BITNET: wylz@NUHUB |
| Amateur Radio: wylz      AX.25: wylz@klugm.ma.usa.na      |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on |
| the World - ftp.std.com pub/hamradio |
=====

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Date: Wed, 2 Mar 1994 04:37:48 GMT  
 From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!gatech!  
 wa4mei.ping.com!ke4zv!gary@network.ucsd.edu  
 To: info-hams@ucsd.edu

References <2kjnai\$1if8@st6000.sct.edu>,  
 <1994Feb28.172658.10610@kocrsv01.delcoelect.com>, <2kvt4j\$37b@bigfoot.wustl.edu>  
 Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)  
 Subject : Re: Getting Coax Seal OFF?

In article <2kvt4j\$37b@bigfoot.wustl.edu> jlw3@cec3.wustl.edu (Jesse L Wei) writes:

>This \*really\* digresses from radio, but most solvents kill anything  
>(including people) pretty well--kills grass, animals, plants, people. . .

Yeah, great stuff. Don't tell the tree-huggers, they'll try to get them banned. :-(

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

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End of Info-Hams Digest V94 #227

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